

April 17, 2015

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee
Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for
CPC, OPC, and WPC

The following accelerated items were implemented last week:

RFC #265 – Corrected an error in the launch script “make_color_chart.csh” in which the script was failing to produce all of the graphics needed for an OPC website and was not correctly archiving forecast products. Implemented on April 13 at 2030Z. (OPC)

The following will be implemented the week of April 20, 2015:

RFC #266 – Install the new launch script, "relaunch_arctic.csh". It will allow the forecaster to relaunch just the Arctic version of a forecast chart. To be implemented on April 20 at 1200Z. (OPC)

RFC #267 – Update the perl script, "daily_cf_cron_report.pl" to remove all reports from user "root". The script is normally run from a cron on the compute farm. To be implemented on April 20 at 1200Z. (OPC)

RFC #268 – Update the perl module, "perl_utilities.pm" on the compute farm to augment a subroutine to include case-insensitive searches. To be implemented on April 20 at 1200Z. (OPC)

RFC #269 – Update the FVWM configuration file to remove legacy AWIPS text commands from the NAWIPS dropdown menus. To be implemented on April 20 at 1200Z. (OPC)

RFC #270 – Update the file containing alias information for all OPC operational workstations with new aliases. To be implemented on April 20 at 1200Z. (OPC)

RFC #271 – Update the script, "nmap2_launcher.csh" to correct an old World Weather Building reference. To be implemented on April 20 at 1200Z. (OPC)

RFC #272 - The table file, "graphical_product_list.txt", which contains information with product WMOIDs, will be updated with missing information. This table is used by scripts checking for timeliness of products and contains deadlines for current OPC graphical products which are found via WMOIDs. To be implemented on April 20 at 1200Z. (OPC)

RFC #273 - Add a mask to the WPC QPF to enable easier comparison of WPC and NDFD QPF for collaboration purposes. Currently, the WPC QPF area extends well outside the NDFD domain, resulting in spurious difference fields. Also make several changes to the underlying code to increase its efficiency. To be implemented on April 20 at 1200Z. (WPC)

RFC #274 – Update the Global RTOFS (GRTOFS) web image creation script to draw source files from \$MODEL instead of scp from WCOSS. To be implemented on April 20 at 1400Z. (OPC)

RFC #275 - Update the Vibrio top web page to include a link to the new Time/Temperature model web page that was added recently to the operational Compute Farm and RZDM. To be implemented on April 20 at 1415Z. (OPC)

RFC #276 - Update the Vibrio web image scripts on the operational Compute Farm (CF) to adjust text sizes for a change in the Matlab version. The latest Matlab version on the CF, MATLAB 2014b, included graphics changes that affected the text sizes of titles and axis labels on the Vibrio maps. To be implemented on April 20 at 1500Z. (OPC)

RFC #277 – Flash Flood v2.0.0 - Update scripts to add the creation of probabilities based on precipitation recurrence intervals; also add scripts to acquire and process ADSTAT 6-hour precipitation guidance from the Office of Hydrologic Development (OHD). Update restore files, modres.tbl and datatype.tbl to allow for display of new parameters. To be implemented on April 20 at 1500Z. (WPC)

The following NCO RFC(s) will be implemented the week of April 20, 2015 and directly affect the local Centers:

RFC #841 – decod_dcacar v3.3.0 - The ACARS decoder is being modified to process additional data from Mexico, Air-Wisconsin, and Automatic Dependent Surveillance-Contract (ADS-C) into the NCEP observational database (b004/xx004). To be implemented on April 21 at 1200Z.

RFC #844 – Add a new volume WPCEVAL on the WPC Compute Farm systems to assist WPC in evaluating new products. To be implemented on April 22 at 1200Z.

Please note that security-related RFCs are never listed in the RFC memo.

---- OPERATIONAL ANNOUNCEMENTS ----

1. The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.